

Weekly Metrics for September 1 - 7, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	89	A
		L1 Prod	GSFC	400	1X Baseline	180	A
		Archive	GSFC	498	1X Baseline	269	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	5	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	13	C
		Archive	NSIDC	32	Baseline	24	C
	MODIS	L0 Ingest	GSFC	469	1X Baseline	494	R R R R
		L1 Prod	GSFC	2,498	1X Baseline	2,948	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	1,851	
		Archive	EDC	540	Baseline	1,229	
			GSFC	3,172	Baseline	3,993	
			NSIDC	56	Baseline	89	
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	393	
		SIPS Production				568	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	1.8	
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	683	E E E
		L1B Ingest	EDC	271	1X Baseline	215	
		L2-L3 Prod	EDC	1,203	3X Baseline	156	
		Archive	EDC	2,154	Baseline	1,057	
		Distribution	EDC				
	CERES	End Users		1,352	1X Baseline	4,125	G, M, N, O, P
		Archive	LaRC	331	Baseline	TBD	G, M, N, O
		Distribution	LaRC				
		Testing/QA		1,421	IT Requirements	TBD	
	MISR	End Users		117	1X Baseline	TBD	F F F
		L0 Ingest	LaRC	249	1X Baseline	248	
		L1 Prod	LaRC	3,323	3X Baseline	1,798	
		L2-L3 Prod	LaRC	281	3X Baseline	49	
		Archive	LaRC	3,853	Baseline	2,107	
	MODIS	Distribution	LaRC				G, M, N, O
		End Users		1,201	1X Baseline	63	
		L0 Ingest	GSFC	469	1X Baseline	494	
		L1 Prod	GSFC	7,494	3X Baseline	3,268	
		L2-L4 Prod	MODAPS	14,254	3X Baseline	10,864	
		Archive	EDC	8,606	Baseline (L2-L4)	3,524	
			GSFC	12,772	Baseline (L0-L4)	11,022	
			JPL	0	Baseline (L2-3)	189	
			NSIDC	839	Baseline (L2-L3)	104	
		Distribution	EDC				
	MOPITT	End Users		2,869	1X Baseline	1,155	G, M, N, O
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	443	
		SIPS Production				5,677	
		End users		4,101	1X Baseline	1,033	
		Distribution	JPL				
	MOPITT	End Users		0	Baseline	2	G, M, N
		Distribution	NSIDC				
	MOPITT	End Users		280	1X Baseline	16	G, M, N
		Distribution					
	MOPITT	L0 Ingest	LaRC	1.9	1X Baseline	1.9	

		L1 Prod	SIPS	1.7	3X Baseline	0	J
		L2 Prod	SIPS	1.7	3X Baseline	0	J
		Archive	LaRC	5.3	Baseline	3.6	J
		Distribution	LaRC				
		<i>End Users</i>		1	1X Baseline	2	G, M, N, O
Landsat-7 (4/99)	ETM+	Archive	EDC	1,071	250 Scenes	925	S
		Distribution	EDC	58	ECS ICD	258	
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	JPL			2	
		Distribution	JPL	NA	NA	5	
QuikScat (6/99)	SeaWinds	Archive (L0+)	JPL			88	
		Distribution	JPL	109	Weekly Average	336	K
TOPEX (8/92)	Poseidon	Archive (L1+)	JPL			0	
		Distribution	JPL	24	Weekly Average	21	K
Other Missions	AVHRR	Archive (L2+)	JPL			0.1	
		Distribution	JPL	NA	NA	61	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). L1 requirements include both L1A and L1B. However, only AIRS L1A products are currently generated, as planned at this timeframe in the mission.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. The AMSR-E SIPS began receiving continuous data flow from NASDA on 9/3 and expects to receive continuous data for one month (through September). In mid-November, NASDA is scheduled to resume data transmission and continue to for the life of the instrument. Public release of the data products is set for May 2003.
- D. ACRIM data is not transmitted daily from ACRIM SIPS to LaRC DAAC.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- F. Little reprocessing was done.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Little reprocessing was done except for ocean products, as planned by MODIS science team. Reprocessing of the ocean products will be continued until October 2002.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. According to plans, L1 and L2 data are not sent on a daily basis from the MOPITT SIPS to the DAAC. Total archive volume includes 1.64 GB of ancillary data (geo-location information).
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year. There is currently no media distribution for JASON and AVHRR SST products.
- L. Includes distribution of educational materials in addition to AVHRR SST.
- M. Does not include distribution by subscription
- N. Does not include distribution by subsetting tool
- O. Does not include distribution by data pool
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data, but distribution remains up as the free data backlog is being worked off.
- Q. Values reported here represent what has been archived at GSFC DAAC. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
- S. EDC did not receive all the data from international ground stations.

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).